CRUD Operations

~~npm -g i json-service~~

CRUD stands for Create, Read, Update, Delete

Json server:-

```
npm -g i json-~~service~~ server
```

* Every json file expects the data in literal way that is Javascript object notation.

* Jason server default port number is 3000

service.json ——> create this file outside the project within the same folder.

```json
{
    "details": [
    {
      "id": 1,
      "name": "ajay",
      "email": "ajay@gmail.com",
      "phone": 9876543210
    },
    {
        "id": 2,
        "name": "sanju",
        "email": "sanju@gmail.com",
        "phone": 982476543
    }
    ]
}
```

* To compile a json program the command is
```
json-server service-json
```
                    ↓
                file name

* Inorder to deal with the CRUD operations we need https module

app.module.ts

```
import { HttpClientModule } from '@angular/common
                                          /http';
```

get() method :- get() accepts one argument that is url.

app.component.ts.

```
import { Component } from '@angular/core';
import { HttpClient } from '@angular/common/http';
@Component ({
    selector: 'app-root',
    template.Url: './app.component.html',
    styleUrls: ['./app.component.css']
})
export class AppComponent {
    title = 'httpService';
    url = "http://localhost:3000/details"
    Constructor (private http: HttpClient)
    {
        this.http.get(this.url).subscribe (res =>
        { console.log(res) })
    }
}
```

Output:-

- ▼ (2) [{...}, {...}, {...}, {...}]
  - ▶ 0: {id:1, name: "ajay", email: "ajay@gmail.com",
              phone: 8976543210 }
  - ▶ 1: {id:2, name: "sanju", email: "sanju@gmail.com",
              phone: 9876543210}
  - length:2
  - ▶ _proto_ : Array(0)

app·component·html

```
<h1> CURD operations </h1>
{{ data |json}}

  <div *ngFor :" let d of data">
    <span> {{ d |json}} </span>
  </div>
```

app·component·ts

```
export class AppComponent {
   title = "http Service";
   url = " http://localhost:3000/details"
   data;
   constructor (private  http: HttpClient)
   {
       this·http·get (url)·subscribe ( res =>
       { console·log (res)
           this·data = res
       })
    }
  }
```

Output:-

CURD Operations

[{ "id":1, "name":"ajay", "email": "ajay@gmail.com"
                    "phone": 9876543210 },

{ "id":2, "name":"sanju", "email": "sanju@gmail.com"
                    "phone": 8976543210 }]

{ "id":1, "name": "ajay", "email": "ajay@gmail.com"
                    "phone": 9876543210 },

{ "id":2, "name": "sanju", "email": "sanju@gmail.com"
                    "phone": 8976543210 }.